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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

BSS0009

First Inventor

William S. DiPoala

Title

INTRUSION DETECTION SYSTEM INCLUDING...

Express Mail Label

EL 905879838 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification (Total Pages **22**)  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets **5**)

5. Oath or Declaration (Total Pages **3**)
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: Fees - \$986.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number:

00832

or ☐

Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Brian C. Pauls

Registration No. (Attorney/Agent)

40,122

Signature

Date

April 16, 2004

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18334 U.S. PTO  
041604

22141 U.S. PTO  
10/825909

041604

18334  
USPTO

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<b>FEE TRANSMITTAL</b> <b>for FY 2004</b> <small>Effective 10/01/2003. Patent fees are subject to annual revision.</small>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	
		Filing Date	
		First Named Inventor	William S. DiPoala et al.
		Examiner Name	
		Art Unit	
<b>TOTAL AMOUNT OF PAYMENT (\$)</b>		Attorney Docket No.	BSS0009

<b>METHOD OF PAYMENT</b> (check all that apply)		<b>FEE CALCULATION</b> (continued)																																													
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		<b>3. ADDITIONAL FEES</b>																																													
<input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: <b>02-0385</b> Deposit Account Name: <b>BAKER &amp; DANIELS</b>																																															
The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.																																															
<b>FEE CALCULATION</b>																																															
<b>1. BASIC FILING FEE</b>																																															
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>2001</td><td>770</td><td>385</td><td>Utility filing fee</td><td>770.00</td></tr><tr><td>1002</td><td>2002</td><td>340</td><td>170</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>2003</td><td>530</td><td>265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>2004</td><td>770</td><td>385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>2005</td><td>160</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5"><b>SUBTOTAL (1)</b></td><td><b>(\$)</b> <b>\$770.00</b></td></tr></tbody></table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	2001	770	385	Utility filing fee	770.00	1002	2002	340	170	Design filing fee		1003	2003	530	265	Plant filing fee		1004	2004	770	385	Reissue filing fee		1005	2005	160	80	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>(\$)</b> <b>\$770.00</b>				
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<b>2. EXTRA CLAIM FEES FOR UTILITY AND</b>																																															
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*or number previously paid, if greater; For Reissues, see above																																															
		<b>SUBTOTAL (3)</b> <b>(\$)</b> <b>\$40.00</b>																																													

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	Brian C. Pauls	Registration No. (Attorney/Agent)	40,122
Signature		Telephone	260-424-8000
		Date	April 16, 2004

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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **William S. DiPoala et al.**

Docket No.

**BSS0009**

Serial No.

Filing Date

Examiner

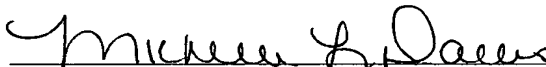
Group Art Unit

Invention: **INTRUSION DETECTION SYSTEM INCLUDING OVER-UNDER PASSIVE INFRARED OPTICS AND A MICROWAVE TRANSCEIVER**

I hereby certify that the following correspondence:

**UTILITY PATENT APPLICATION***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

**APRIL 16, 2004***(Date)***MICHELLE L. DAVIS***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EL 905879838 US***("Express Mail" Mailing Label Number)***EL905879838US)****Note: Each paper must have its own certificate of mailing.**